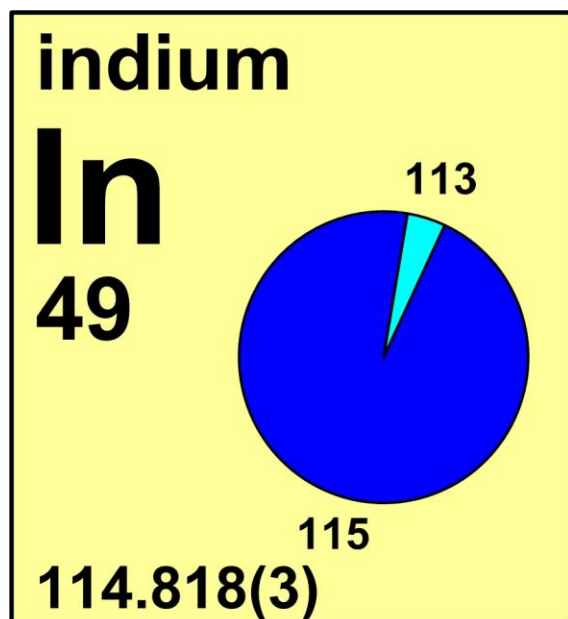


indium

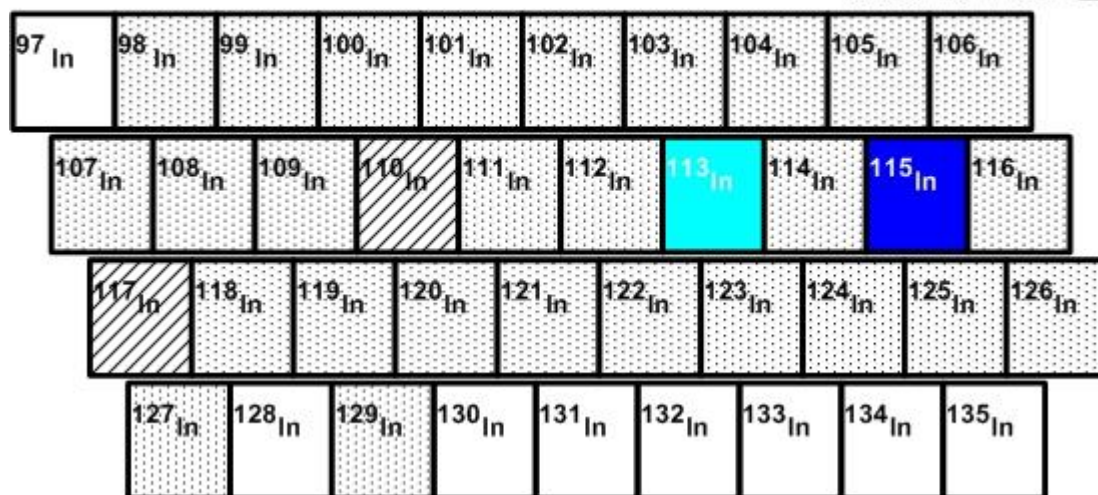


Stable isotope	Atomic mass*	Mole fraction
^{113}In	112.904 058	0.0429
^{115}In	114.903 878	0.9571

* Atomic mass given in unified atomic mass units, u.

Half-life of radioactive isotope

Less than 1 second
Between 1 second and 1 hour
Greater than 1 hour



Important applications of stable and/or radioactive isotopes

Isotopes in medicine

- 1) ^{111}In is used in indium leukocyte imaging.

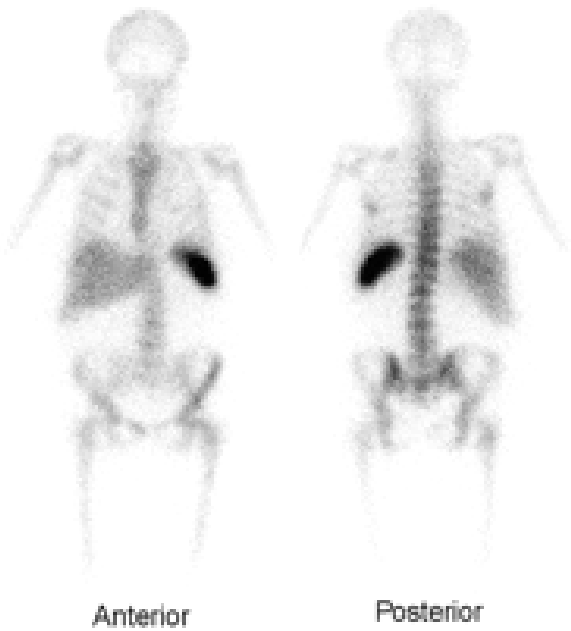


Figure 1: Radionuclide Imaging of Infection. Leukocytes are white blood cells in the body that protect the body from infection and can be dyed with In-111 to locate the site of an infection in the body.